L Number	Hits	Search Text	DB	Time stamp
3	6	"5217962"	USPAT;	2003/04/15 17:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	
1	2	"5998173"	USPAT;	2003/04/15 17:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
Ì			IBM_TDB	
2	25	"5804594"	USPAT;	2003/04/15 17:23
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	hyaluronic and acetylglucoseamine and food	USPAT;	2003/04/15 17:22
		,	US-PGPUB;	
			EPO; JPO;	
		·	DERWENT;	
			IBM_TDB	
-	51	hyaluronic and acetylglucosamine and food	USPAT;	2001/11/09 14:51
İ			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	0	hyaluronic and acetylglucosamine and beverages	USPAT;	2001/09/25 16:04
			US-PGPUB;	•
]		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	56	hyaluronic and acetylglucosamine and (food or edible or	USPAT;	2001/11/09 10:49
		injestible)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	40	hardward and the same	IBM_TDB	
-	43	hyaluronic and acetylglucosamine and (food or edible or	USPAT;	2001/11/09 10:49
		injestible) and skin	US-PGPUB;	
			EPO; JPO;	
	İ		DERWENT;	
1_	249	hyalurania and apatulatusesessine	IBM_TDB	
	249	hyaluronic and acetylglucosamine	USPAT;	2001/11/09 14:51
]		•	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-	150	hyaluronic and acetylglucosamine and skin	IBM_TDB	2004/44/20 44 55
	'55	nyalatonio and acetylgideosamine and skin	USPAT;	2001/11/09 14:52
			US-PGPUB;	
			EPO; JPO; DERWENT;	
			IBM TDB	
[-	131	hyaluronic and n-acetylglucosamine and skin	USPAT:	2001/11/09 14:56
			US-PGPUB;	2001/11/09 14:50
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
] -	43	hyaluronic and acetylglucosamine and skin and (injestible or	USPAT;	2001/11/09 14:59
1		food or edible)	US-PGPUB;	2001/11/09 14.09
, 1		· · · · · · · · · · · · · · · · · · ·	EPO; JPO;	
] [DERWENT;	
	,		IBM_TDB	
-	150	hyaluronic and acetylglucosamine and skin	USPAT;	2001/11/09 15:38
		y Quarante and only	US-PGPUB;	2001/11/08 10.00
	1	•	EPO; JPO;	
]			DERWENT;	
L			IBM_TDB	
		The state of the s		

-	131	hyaluronic and n-acetylglucosamine and skin	USPAT;	2001/11/09 15:01
			US-PGPUB;	
			EPO; JPO;	
			DERWENT:	
	1		IBM_TDB	
_	58	(hyaluronic SAME n-acetylglucosamine) and skin	USPAT;	2001/11/09 15:02
-	36	(Hydiuronic SAME H-acetyiglucosamine) and skin		2001/11/09 15.02
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	249	hyaluronic and acetylglucosamine	USPAT;	2001/11/09 15:27
			US-PGPUB;	
ļ			EPO; JPO;	1
1			DERWENT;	
			IBM_TDB	
-	150	hyaluronic and acetylglucosamine and skin	USPAT;	2001/11/09 15:27
		,	US-PGPUB;	200 17 1 1700 10:21
			EPO; JPO;	
1				
			DERWENT;	
	46	(hyalurania nagr12 agahulalu agamina) and akin	IBM_TDB	0004/44/00 45 00
-	40	(hyaluronic near12 acetylglucosamine) and skin	USPAT;	2001/11/09 15:38
			US-PGPUB;	
		1	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	249	hyaluronic and acetylglucosamine	USPAT;	2001/11/19 14:50
	J	,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	ļ
-	1	hyaluronic and acetylglucoseamine	USPAT;	2001/11/19 14:50
		- Walter and a docty igradocatiline	US-PGPUB;	2001/11/19 14.50
	ł		EPO; JPO;	
			DERWENT;	
•	150	bughania and anatidahan and a 1.1.	IBM_TDB	
-	150	hyaluronic and acetylglucosamine and skin	USPAT;	2001/11/19 14:51
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	146	hyaluronic and acetylglucosamine and skin and (food or	USPAT;	2001/11/19 14:52
		ingestible or water)	US-PGPUB;	
	l		EPO; JPO;	
			DERWENT;	
'	·		IBM_TDB	
-	41	hyaluronic and acetylglucosamine and skin and (food or	USPAT;	2001/11/19 14:52
		ingestible)	US-PGPUB;	2007/17/18 17.02
i		• • • • • •	EPO; JPO;	
1			DERWENT;	1
_	2	"6147054"	IBM_TDB	2004/44/20 12 21
		VITIOUT	USPAT;	2001/11/20 10:31
	ļ		US-PGPUB;	
			EPO; JPO;	
] .			DERWENT;	,
[.	104 4705 41	IBM_TDB	1
-	1	"6147054" and acetylglucosamine and hyaluronic	USPAT;	2001/11/20 10:32
]			US-PGPUB;	
j			EPO; JPO;	.
]			DERWENT;	İ
			IBM_TDB	
-	157	\$acetylglucosamine same hyaluron\$	USPAT;	2002/05/09 13:36
		• •	US-PGPUB;	
1	1		EPO; JPO;	,
	i		DERWENT;	ļ
			IBM_TDB	
			םטו ואוטו	

-	85	(\$acetylglucosamine same hyaluron\$) and skin	USPAT;	2002/05/09 13:37
1			US-PGPUB;	
			EPO; JPO;	
l			DERWENT;	
			IBM TDB	
-	98	(\$acetylglucosamine same hyaluron\$) and (skin topical dermal	USPAT;	2002/05/09 13:37
		dermis)	US-PGPUB;	
		,	EPO; JPO;	İ
		•	DERWENT;	
			IBM_TDB	
	16	(\$acetylglucosamine same hyaluron\$) same (skin topical		2002/05/09 14:59
_	10		USPAT;	2002/05/09 14.59
		dermal dermis)	US-PGPUB;	
			EPO; JPO;	-
		·	DERWENT;	
		(0)	IBM_TDB	
-	1	(\$acetylglucosamine same hyaluron\$) same food	USPAT;	2002/05/09 13:39
			US-PGPUB;	
		•	EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	
-	2	"10165138"	USPAT;	2002/05/10 09:56
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	421	acetylglucosamine and collagen	USPAT;	2002/09/27 14:12
		and oblings	US-PGPUB;	2002/03/27 14.12
			EPO; JPO;	
1	ĺ		DERWENT;	
	*			
_	11	acetylglucosamine with collagen	IBM_TDB	2002/00/27 44.00
	''	acetylgidcosamine with collagen	USPAT;	2002/09/27 14:06
		,	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	47		IBM_TDB	
-	47	acetylglucosamine same collagen	USPAT;	2002/09/27 15:28
		· ·	US-PGPUB;	
İ			EPO; JPO;	
}			DERWENT;	
			IBM_TDB	
-	36	(acetylglucosamine same collagen) not (acetylglucosamine	USPAT;	2002/09/27 14:09
		with collagen)	US-PGPUB;	·
1	1		EPO; JPO;	
	[i		DERWENT;	
			IBM_TDB	
-	257	acetylglucosamine and collagen and skin	USPAT;	2002/09/27 14:22
			US-PGPUB;	· · ·
			EPO; JPO;	
			DERWENT:	
	1		IBM_TDB	
-	2	"11225245"	USPAT;	2002/09/27 14:15
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	, [
			IBM_TDB	
_	4	"2001048789"	USPAT;	2002/09/27 14:15
	'		US-PGPUB;	2002/09/2/ 14.15
			EPO; JPO;	
			DERWENT;	
_	3	"6159485"	IBM_TDB	0000/00/07 44:40
	3	U100700	USPAT;	2002/09/27 14:42
			US-PGPUB;	ļ
			EPO; JPO;	
			DERWENT;	
L			IBM_TDB	

	·	1 "0000-"	1	T =
-	2	"6255295"	USPAT;	2002/09/27 15:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	1	F0F0400	IBM_TDB	
] -	4	"5650166"	USPAT;	2002/09/27 15:04
]	·	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	4-7	Constitution of the consti	IBM_TDB	
-	47	\$acetylglucosamine same collagen	USPAT;	2002/09/27 15:31
	ļ		US-PGPUB;	
	İ		EPO; JPO;	
]			DERWENT;	
1_	47	\$2ccotylalycocoming come colleges	IBM_TDB	0000/00/07 45-04
-	4'	\$3acetylglucosamine same collagen	USPAT;	2002/09/27 15:31
	İ		US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
<u>-</u>	13	\$3acetyl adj glucosamine same collagen	IBM_TDB	2002/00/27 45:47
	'3	woodery) and glucosamine same collagen	USPAT;	2002/09/27 15:47
İ			US-PGPUB;	
İ			EPO; JPO; DERWENT;	
	4821	collagen.ti.	IBM_TDB	2002/00/27 45:40
	7021	Conagen.ti.	USPAT;	2002/09/27 15:48
			US-PGPUB;	
			EPO; JPO; DERWENT;	
	1		IBM_TDB	
-	59487	collagen.ti. skin.ti.	USPAT;	2002/09/27 15:48
		- Jonagoma Gama	US-PGPUB;	2002/09/21 15.46
1			EPO; JPO;	
			DERWENT;	
		,	IBM_TDB	
_	453	collagen.ti. and skin.ti.	USPAT;	2002/09/27 15:48
		-	US-PGPUB;	-552.65/27 15.16
			EPO; JPO;	
			DERWENT:	
			IBM TDB	
-	29	collagen.ti. and skin.ti. and vitamin	USPAT;	2002/09/27 15:51
		. ,	US-PGPUB;	
	l		EPO; JPO;	
			DERWENT;	
	4005		IBM_TDB	
-	1065	collagen.ti. and skin.ti. and vitamin collagen and skin and	USPAT;	2002/09/27 15:51
		chondroitin	US-PGPUB;	
i			EPO; JPO;	
			DERWENT;	
_	1065	(colleges till and akin till akin till a	IBM_TDB	
*	1005	(collagen.ti. and skin.ti.) and vitamin collagen and skin and chondroitin	USPAT;	2002/09/27 15:52
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
-	o	(collagen.ti. and skin.ti.) and vitamin and collagen and skin	IBM_TDB	2002/00/07 45:50
	ı ĭ	and chondroitin	USPAT; US-PGPUB;	2002/09/27 15:52
			EPO; JPO;	
İ			DERWENT;	
			IBM_TDB	
	o	(collagen.ti. and skin.ti.) and vitamin and chondroitin	USPAT;	2002/09/27 15:52
İ	_	. 5	US-PGPUB;	2002/08/21 10:02
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	

	1055			000000000000000000000000000000000000000
-	4255	chondroitin	USPAT;	2002/09/27 15:52
			US-PGPUB;	
	İ		EPO; JPO;	
			DERWENT;	
1	875	shandraitin and vitamin	IBM_TDB	2002/00/27 45-52
-	0/5	chondroitin and vitamin	USPAT;	2002/09/27 15:53
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	625	(acotylalysosomina ar (acotyl adi alysonomina) ar neg) and	IBM_TDB USPAT;	2002/09/30 09:13
	023	(acetylglucosamine or (acetyl adj glucosamine) or nag) and collagen	1	2002/09/30 09.13
	1	Collage	US-PGPUB;	
			EPO; JPO; DERWENT;	
		•		
_	12	(acetylglucosamine or (acetyl adj glucosamine) or nag).clm.	IBM_TDB USPAT;	2002/09/30 09:19
	\ ' ~	and collagen.clm.	US-PGPUB;	2002/09/30 09.19
		and conagen.com.	EPO; JPO;	
			DERWENT;	
		·	IBM_TDB	
-	12	(acetylglucosamine or (acetyl adj glucosamine) or nag).ab.	USPAT;	2002/09/30 10:37
1		and collagen.ab.	US-PGPUB;	2002103130 10.37
			EPO; JPO;	<u> </u>
			DERWENT;	
			IBM_TDB	
-	375	(acetylglucosamine or (acetyl adj glucosamine) or nag) with	USPAT;	2002/09/30 10:38
		chitin	US-PGPUB;	2002/03/30 10.30
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
_	10	(acetylglucosamine or (acetyl adj glucosamine) or nag) with	USPAT;	2002/09/30 10:39
		natural with chitin	US-PGPUB;	2002/03/30 10.33
			EPO; JPO;	
			DERWENT;	
1		,	IBM_TDB	
-	31	(acetylglucosamine or (acetyl adj glucosamine) or nag) with	USPAT;	2002/09/30 10:39
		hydrolysis with chitin	US-PGPUB;	
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	12	"1034648"	USPAT;	2003/04/14 10:11
			US-PGPUB;	
			EPO; JPO;	
Ì]		DERWENT;	
			IBM_TDB	
-	6	"1283413"	USPAT;	2003/04/14 10:30
			US-PGPUB;	
]		EPO; JPO;	
.]		DERWENT;	,
1.	19	"225245"	IBM_TDB	
-	19	"225245"	USPAT;	2003/04/14 10:29
			US-PGPUB;	
			EPO; JPO;	•
			DERWENT;	
]_	0	"22524599"	IBM_TDB	2002/04/44 12 25
<u> </u>	"	LLULTUUJ	USPAT;	2003/04/14 10:35
j !]		US-PGPUB;	•
]		EPO; JPO;	
ł l		•	DERWENT; IBM_TDB	
-	7	"1075836"	USPAT;	2003/04/14 11:03
	'	·-·- 	US-PGPUB;	2003/04/14 11:03
			EPO; JPO;	
j			DERWENT;	
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-	19	"281696"	USPAT;	2003/04/14 11:04
		·	US-PGPUB;	
1			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	5	"2000-281696"	USPAT;	2003/04/14 11:04
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	5	"085771"	USPAT;	2003/04/14 11:05
•			US-PGPUB;	
1			EPO; JPO;	
·			DERWENT;	
			IBM_TDB	
-	53182	katsumi	USPAT:	2003/04/14 11:05
			US-PGPUB;	
			EPO; JPO;	j
	1		DERWENT;	
			IBM TDB	
1 -	44	katsumi and ryosuke	USPAT;	2003/04/14 14:34
ĺ		The state of the s	US-PGPUB;	2003/04/14 14:34
			EPO; JPO;	1
	1		DERWENT;	
_	0	n with actetyl with glucosamine	IBM_TDB	2002/04/44 44-25
		I with actety) with glucosamine	USPAT;	2003/04/14 14:35
	1		US-PGPUB;	
		·	EPO; JPO;	
			DERWENT;	
_	2604	n with cootyl with alvancemins	IBM_TDB	
_	2004	n with acetyl with glucosamine	USPAT;	2003/04/14 14:40
		·	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	2000	and the second of the second o	IBM_TDB	
-	3008	n with acetylglucosamine	USPAT;	2003/04/14 14:40
			US-PGPUB;	
			EPO; JPO;	
		•	DERWENT;	
	5000	7 20 7 1 20 1	IBM_TDB	
-	5098	(n with acetyl with glucosamine) or (n with acetylglucosamine)	USPAT;	2003/04/14 14:39
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	495	((n with acetyl with glucosamine) or (n with	USPAT;	2003/04/14 14:36
		acetylglucosamine)) and skin and food	US-PGPUB;	
			EPO; JPO;	
1			DERWENT;	
			IBM_TDB	
	57		USPAT;	2003/04/14 14:37
		acetylglucosamine)) and skin same care and food	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	6	((n with acetyl with glucosamine) or (n with	USPAT;	2003/04/14 14:38
		acetylglucosamine)) and (skin.ab. same care) and food	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	5629	14.ab.	USPAT;	2003/04/14 14:41
	ļ		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	ļ		IBM_TDB	
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1 -	707	n with acetylglucosamine.ab.	USPAT;	2003/04/14 14:41
İ			US-PGPUB;	
	1		EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	567	n with acetyl with glucosamine.ab.	USPAT;	2003/04/14 14:41
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	1226	(n with acetylglucosamine.ab.) or (n with acetyl with	USPAT;	2003/04/14 14:41
		glucosamine.ab.)	US-PGPUB;	
		. ,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	73	((n with acetylglucosamine.ab.) or (n with acetyl with	USPAT;	2003/04/14 14:52
ŀ		glucosamine.ab.)) and skin.ab.	US-PGPUB;	2000/01/11/11/02
İ	ł	g.aoooaniino.ao.,,, ana ominao.	EPO; JPO;	
			DERWENT:	
			1	
_	85	((n with acetylglucosamine.ab.) or (n with acetyl with	IBM_TDB USPAT;	2003/04/14 14:42
	33	glucosamine.ab.)) and food.ab.	US-PGPUB;	2003/04/14 14:42
		gidoosainine.ab.jj and lood.ab.		
			EPO; JPO;	
			DERWENT;	
1_	152	((/n with acotylalusosamino ab \ as /n with acotyl with	IBM_TDB	2002/04/44 44:42
1	152	(((n with acetylglucosamine.ab.) or (n with acetyl with	USPAT;	2003/04/14 14:42
		glucosamine.ab.)) and skin.ab.) or (((n with	US-PGPUB;	
		acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.))	EPO; JPO;	
		and food.ab.)	DERWENT;	
			IBM_TDB	
-	6	(((n with acetylglucosamine.ab.) or (n with acetyl with	USPAT;	2003/04/14 14:50
	-	glucosamine.ab.)) and skin.ab.) and (((n with	US-PGPUB;	
	ł	acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.))	EPO; JPO;	
		and food.ab.)	DERWENT;	
			IBM_TDB	
 -	8	((n with acetylglucosamine ab.) or (n with acetyl with	USPAT;	2003/04/14 14:52
		glucosamine.ab.)) and skin.ab. and care.ab.	US-PGPUB;	
	}		EPO; JPO;	
	1		DERWENT;	
	_		IBM_TDB	
-	5	(((n with acetylglucosamine.ab.) or (n with acetyl with	USPAT;	2003/04/14 14:54
1	1	glucosamine.ab.)) and skin.ab. and care.ab.) not ((((n with	US-PGPUB;	
		acetylglucosamine.ab.) or (n with acetyl with glucosamine.ab.))	EPO; JPO;	
		and skin.ab.) and (((n with acetylglucosamine.ab.) or (n with	DERWENT;	
		acetyl with glucosamine.ab.)) and food.ab.))	IBM_TDB	
-	65	acetylglucosamine same skin	USPAT;	2003/04/14 15:04
			US-PGPUB,	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	24	5,804,594	USPAT;	2003/04/14 16:03
]			US-PGPUB;	
]			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	280	chitin with oligosaccharide	USPAT;	2003/04/14 16:03
		· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	
			EPO; JPO;	
[DERWENT;	
			IBM_TDB	
-	13	(chitin with oligosaccharide) same skin	USPAT;	2003/04/15 15:26
		· · · · · · · · · · · · · · · · · · ·	US-PGPUB;	2000/07/10 10.20
			EPO; JPO;	•
į l			DERWENT;	
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	Ц		IBM_TDB	

	137	matahira.in.	USPAT;	2003/04/15 09:27
1	137	inatama.m.	US-PGPUB;	2003/04/13 09.27
1				
-			EPO; JPO;	
		·	DERWENT;	
	10	matchire in and acctulature amine	IBM_TDB	2002/04/45 00:42
-	'0	matahira.in. and acetylglucosamine	USPAT;	2003/04/15 09:42
			US-PGPUB;	
]		EPO; JPO;	
			DERWENT;	
	6		IBM_TDB	00000004450050
-	٥ ا	"5217962"	USPAT;	2003/04/15 09:56
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
		H5000440H	IBM_TDB	
-	3	"5866142"	USPAT;	2003/04/15 09:56
			US-PGPUB;	,
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	. 24	(chitin with oligosaccharide) and oral and (skin or topical or	USPAT;	2003/04/15 15:26
		cosmetic)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
·		·	IBM TDB	



ANSWER 9 OF 19 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER: 2001:480704 CAPLUS

DOCUMENT NUMBER: 135:81992

TITLE: Aminosugar, glycosaminoglycan or glycosaminoglycan-

> like compounds, and S-adenosylmethionine composition for the protection, treatment, repair, and reduction

of inflammation of connective tissue

INVENTOR(S): Henderson, Robert W.; Henderson, Todd; Hammad, Tarek

Nutramax Laboratories, Inc., USA PATENT ASSIGNEE(S):

SOURCE: U.S., 21 pp., Cont.-in-part of U.S. Ser. No. 797,294.

CODEN: USXXAM

DOCUMENT TYPE:

Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

I	PATENT NO.				KI:	ND	DATE APPLICATION NO. DATE											
Ţ	IJS	6255295		В	1	20010703		US 1997-845852				2	19970428					
Ţ	IJS	6492	349		В	B1 20021210			U	s 19	96-7	7999	6	1996	1223			
									US 1997-797294 19970207									
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AΒ An oral compn., e.g., capsules, for the protection, treatment and repair and for reducing the inflammation of connective tissue in humans and small and large animals and a method for the protection, treatment of connective tissue in mammals by the administration of the compn. is described. The compn. includes at least two compds. selected from S-adenosylmethionine (SAM), an aminosugar selected from the group consisting of glucosamine, glucosamine salts, glucosamine hydrochloride, galactosamine, N-acetylglucosamine, and fragments, mixts. or salts thereof, and a glycosaminoglycan (GAG) or glycosaminoglycan-like compd. selected from the group consisting of chondroitin, chondroitin salts, hyaluronic acid, glucuronic acid, iduronic acid, keratan sulfate, keratin sulfate, heparan sulfate, dermatin sulfate, pentosan polysulfate (PPS), sodium PPS, calcium PPS, oversulfated GAGs, and fragments, salts, and mixts. thereof. The compn. optionally includes manganese which promotes the prodn. of connective tissue matrix. The compn. also optionally includes Me donors or Me donor cofactors, such as vitamin B12, vitamin B6, folic acid, dimethylglycine or trimethylglycine, and betaine.

L5 ANSWER 17 OF 19 CAPLUS COPYRIGHT 2003 ACS

ACCESSION NUMBER:

1998:719279 CAPLUS

DOCUMENT NUMBER:

129:347310

TITLE:

Amino sugar, glycosaminoglycan or glycosaminoglycan-

like compounds, and S-adenosylmethionine

INVENTOR(S):

Henderson, Robert W.; Henderson, Todd; Hammad, Tarek

PATENT ASSIGNEE(S):

Nutramax Laboratories, Inc., USA

SOURCE:

PCT Int. Appl., 51 pp.

DOCUMENT TYPE:

Patent

CODEN: PIXXD2

LANGUAGE:

English

HANGUAGE.

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FAMILY ACC. NUM. COUNT:

PATENT INFORMATION:

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PATENT NO.
                   KIND DATE
                                        APPLICATION NO. DATE
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                                     WO 1998-US7561
    WO 9848816
                          19981105
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                                                         19980417
           AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
            IE, FI
PRIORITY APPLN. INFO.:
                                      US 1997-845852
                                                      A 19970428
                                      US 1996-779996
                                                      A2 19961223
                                      US 1997-797294
                                                      A2 19970207
                                      WO 1998-US7561
                                                      W 19980417
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AB A compn. for the protection, treatment and repair and for reducing the inflammation of connective tissue in mammals and a method for the protection, treatment of connective tissue in mammals by the administration of the compn. The compn. includes at least 2 compds. selected from S-adenosylmethionine (SAM), an amino sugar, e.g., glucosamine, glucosamine salts, and a glycosaminoglycan or glycosaminoglycan-like compd., e.g., chondroitin or its salts, keratin sulfate, heparan sulfate. The compn. optionally includes manganese which promotes the prodn. of connective tissue matrix. The compn. also optionally includes Me group donors or Me group donor cofactors, such as vitamin B12, vitamin B6, folic acid, dimethylglycine or trimethylglycine, and betaine. Thus, capsules for oral administration to humans and small animals contained SAM 5-5000, glucosamine 50-5000 and chondroitin sulfate 15-5000 mg.